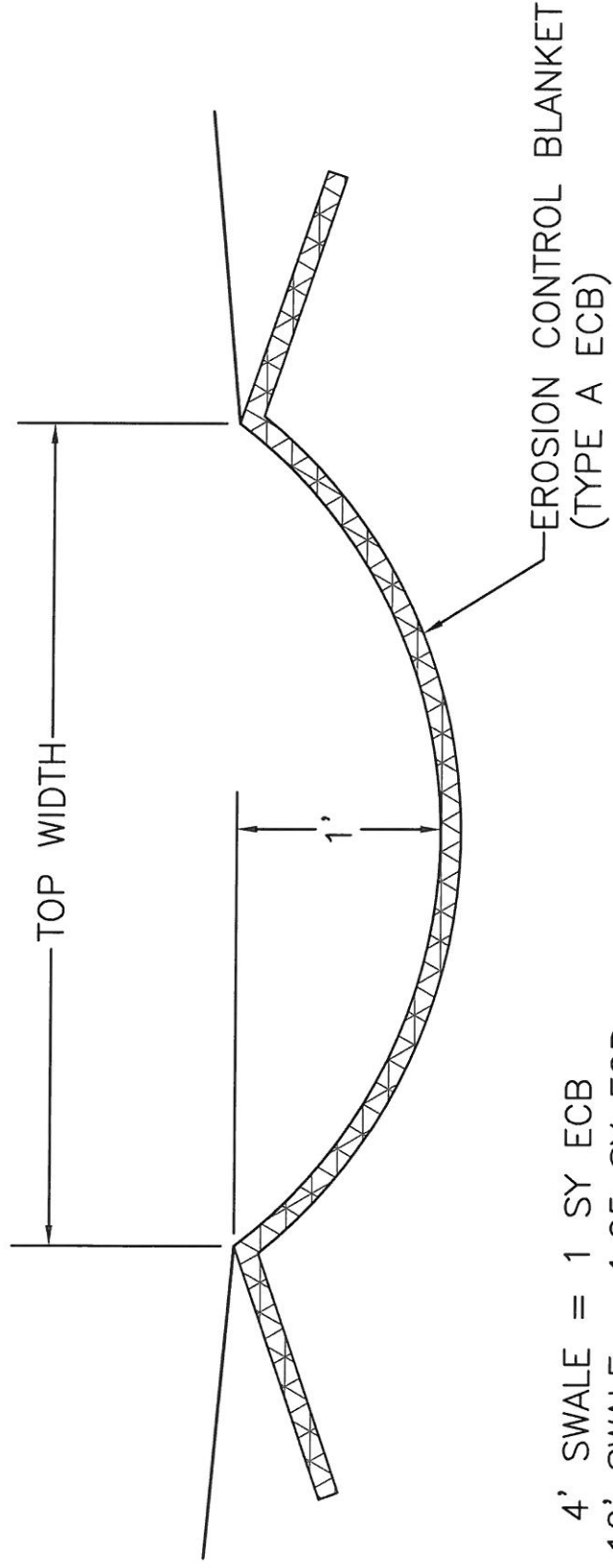


ROCK ANCHORS SHALL BE PLACED AT ALL TRAVERSE SEAMS
AND MAX 100' INTERVALS.

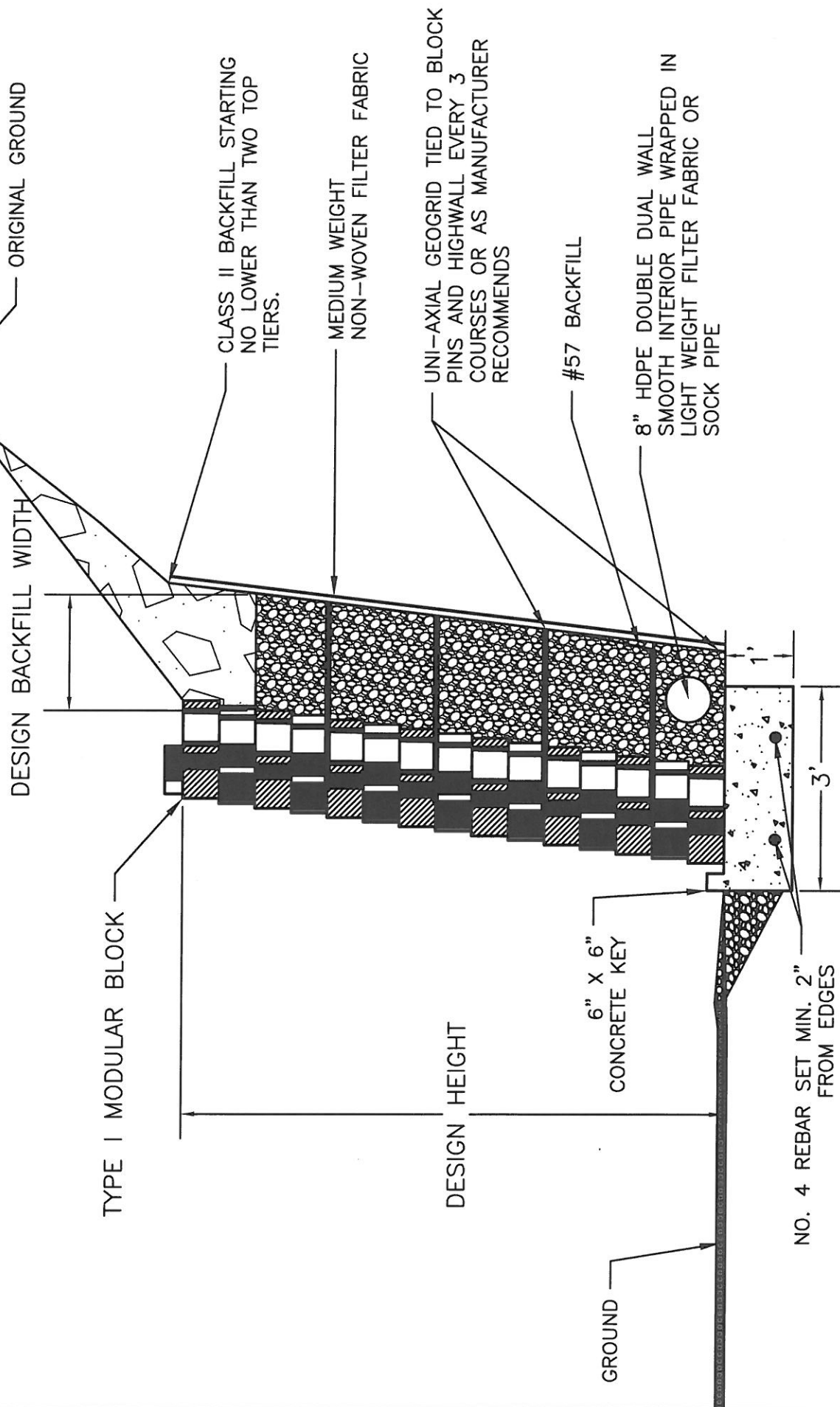


4' SWALE = 1 SY ECB
10' SWALE = 1.25 SY ECB
20' SWALE = 1.5 SY ECB

USE WITH AML 21-10-5, 21-70-1

ECB DITCH-SWALE (AML 21-10-3)

1. REMOVE LOOSE MATERIAL FROM HIGHWALL PRIOR TO WALL CONSTRUCTION.
2. CONSTRUCT BASE ON A CONCRETE FOOTER UNLESS DIRECTED OTHERWISE BY ENGINEER.
3. SEE DESIGN DRAWINGS IF CHAIN-LINK FENCE (NOT SHOWN) IS REQUIRED.
4. IF DESIGN HEIGHT IS TO EXCEED 8' THEN WALL MUST BE SPECIALLY DESIGNED.



MSC NON-REINFORCED BLOCK WALL- TYPE I (AML 30-20-1)

ENGINEER MAY ELECT TO ADD CONCRETE
FOOTER TO CROSSING DESIGN. USE SAME
DIMENSION AS HEADER ANCHOR.

Diagram illustrating the cross-section of a drainage system. The layers from top to bottom are:

- CHANNEL LINING OR EXISTING BASE
- INTERLOCKING CONCRETE BLOCK
- 18" NO. 2 STONE BASE
- 2' X 2' X 2' CONCRETE UNLESS NOTED OTHERWISE

A FLOW LINE arrow indicates the direction of flow.



occurs at the direction of the ENGINEER, payment will be made at the bid unit price for such item or in a lump sum as agreed to by both parties.

10. PROPERTY OWNER CONSIDERATION

(Revised 7-2013)

Authority to enter and reclaim private property is obtained by written consent of the owner and is pursuant to Title IV of the Surface Mining Control Act of 1977, 30 U.S.C. 1231, and KRS 350.150. The COMMONWEALTH, in complying with these provisions, does not obtain title or rights to any property within the project area. All rights to property and existing materials within the project area will therefore remain the property of the owner.

Materials having a salvage value (coal, oil, gas, precious metals, timber, topsoil, etc.) shall remain the property of the owner. Salvageable material (excluding coal, refuse, & other mineral resources) rejected by the owner shall become the responsibility of the CONTRACTOR to dispose of in a proper manner subject to the approval of the ENGINEER.

During the construction process it may happen that a property monuments or property fence may be disturbed. Prior to disturbance, the CONTRACTOR shall give DAML at least 2-week notice to allow DAML to reference said monument(s). If the CONTRACTOR disturbs the monument(s) without providing a 2-week notice to DAML, then the CONTRACTOR shall be responsible for having the monuments reestablished by a Professional Land Surveyor licensed/registered in the Commonwealth of Kentucky at the CONTRACTOR's expense. DAML referenced monuments will be reestablished after construction; however, DAML will not certify the monuments as an official property corner.

11. ALTERNATIVE / EQUIVALENT PRODUCTS & MATERIALS

The use of alternative/equivalent products, materials, and systems shall be approved in writing by the DAML design engineer in conjunction with the DAML construction oversight engineer prior to ordering or using the product/materials. The CONTRACTOR must submit a written request to use alternative/equivalent products, materials, and systems along with all certifications, testing results, specifications, and any other information required by DAML. The ENGINEER may require additional testing. Such testing shall be paid for by the CONTRACTOR. In certain instances the ENGINEER may require the CONTRACTOR to guarantee the product for a period of time to be stated in writing and incorporated into the contract. DAML will provide written approval or disapproval.

The use of alternative products, materials, systems may require alterations to the design plans by a professional engineer (licensed & registered in Kentucky) employed by the product supplier or CONTRACTOR. These revised plans shall be reviewed and approved by the ENGINEER.

12. BLASTING RESTRICTIONS

No blasting shall be permitted without prior approval. In the event blasting is proposed the CONTRACTOR shall prepare documentation outlining the blasting plan and requesting approval. The request must be made and approved prior to any blasting.